# Rust Converter

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

| | |
|---|---|
| Product Name | Rust Converter |
| CAS No. | Not applicable. |
| EC No. | Not applicable. |
| REACH Registration No. | Not known. |
| Unique Formula Identifier (UFI) | |

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

| | |
|---|---|
| Identified Use(s) | PC9a Coatings and paints, thinners, paint removers |
| Uses Advised Against | Not known. |

### 1.3 Details of the supplier of the safety data sheet

#### Manufacturer

| | |
|---|---|
| Company Identification | Flag Paints Ltd |
| Address of Manufacturer | 8 Springfield Road<br>Springfield Industrial Estate<br>Burnham-On-Crouch<br>Essex |
| Postal code | CM0 8UA |
| Telephone: | +441621785173 |
| Fax | +441621785393 |
| E-mail | sales@flagpaints.co.uk |
| Office hours | 09:00 - 17:00 |

#### Supplier

| | |
|---|---|
| Company Identification | Flag Paints Ltd |
| Address of Supplier | 8 Springfield Road<br>Springfield Industrial Estate<br>Burnham-On-Crouch<br>Essex |
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| E-mail | sales@flagpaints.co.uk |
| Office hours | 09:00 - 17:00 |

### 1.4 Emergency telephone number

| | |
|---|---|
| Emergency Phone No. | +441621785173 |
| Contact | I Cowen |

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

| | |
|---|---|
| Regulation (EC) No. 1272/2008 (CLP) | Not classified as dangerous for supply/use. |

**2.2 Label elements**

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According to Regulation (EC) No. 1272/2008 (CLP)

| | |
|---|---|
| Product Name | Rust Converter |
| Hazard Pictogram(s) | None. |
| Signal Word(s) | None. |
| Hazard Statement(s) | EUH208: Contains: (2-methyl-2H-isothiazol-3-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)) May produce an allergic reaction. |
| Precautionary Statement(s) | P101: If medical advice is needed, have product container or label at hand.<br>P102: Keep out of reach of children. |
| Unique Formula Identifier (UFI) | |

### 2.3 Other hazards

None known.

### 2.4 Additional Information

For full text of H/P Statements see section 16.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable.

### 3.2 Mixtures

| HAZARDOUS INGREDIENT(S) | CAS No. | EC No. / REACH Registration No. | %W/W | Hazard Statement(s) | Hazard Pictogram(s) |
|---|---|---|---|---|---|
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | 68424-85-1 | 270-325-2 | 0.01- 0.1 | Acute Tox. 4 H302<br>Acute Tox. 4 H312<br>Skin Corr. 1A H314<br>Aquatic Acute 1 H400 | GHS05<br>GHS07<br>GHS09 |
| bronopol (INN) 2-bromo-2-nitropropane-1,3-diol | 52-51-7 | 200-143-0 | 0.001- 0.01 | Acute Tox. 4 H302<br>Acute Tox. 4 H312<br>Skin Irrit. 2 H315<br>Eye Dam. 1 H318<br>STOT SE 3 H335<br>Aquatic Acute 1 H400 | GHS05<br>GHS07<br>GHS09 |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | | 0.0001 - 0.001 | Acute Tox. 3 H301<br>Acute Tox. 2 H310<br>Skin Corr. 1C H314<br>Skin Sens. 1A H317<br>Eye Dam. 1 H318<br>Acute Tox. 2 H330<br>Aquatic Acute 1 H400<br>Aquatic Chronic 1 H410 | GHS06<br>GHS05<br>GHS07<br>GHS09 |
| 2-methyl-2H-isothiazol-3-one | 2682-20-4 | 220-239-6 | 0.0001 - 0.001 | Acute Tox. 3 H301<br>Acute Tox. 3 H311<br>Skin Corr. 1B H314<br>Skin Sens. 1A H317<br>Acute Tox. 2 H330<br>Aquatic Acute 1 H400<br>Aquatic Chronic 1 H410 | GHS06<br>GHS05<br>GHS07<br>GHS09 |

| HAZARDOUS INGREDIENT(S) | CAS No. | Specific Concentration Limit | M-factor | ATE |
|---|---|---|---|---|
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | 68424-85-1 | | | Acute Tox. 4 (H302) : 500.000<br>Acute Tox. 4 (H312) : 1100.000 |

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| | | | | |
|---|---|---|---|---|
| bronopol (INN) 2-bromo-2-nitropropane-1,3-diol | 52-51-7 | | Aquatic Acute 1: 10 | Acute Tox. 4 (H302) : 500.000<br>Acute Tox. 4 (H312) : 1100.000 |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) | 55965-84-9 | Skin Corr. 1C: C>= 0.60 <= 100.00<br>Skin Irrit. 2: C>= 0.06 < 0.60<br>Skin Sens. 1A: C>= 0.0015 <= 100.00<br>Eye Dam. 1: C>= 0.60 <= 100.00<br>Eye Irrit. 2: C>= 0.06 < 0.60 | Aquatic Chronic 1: 100<br>Aquatic Acute 1: 100 | Acute Tox. 3 (H301) : 0.000<br>Acute Tox. 2 (H310) : 0.000<br>Acute Tox. 2 (H330) : 0.000 |
| 2-methyl-2H-isothiazol-3-one | 2682-20-4 | Skin Sens. 1: C>= 0.002 <= 100.00 | Aquatic Acute 1: 10 | Acute Tox. 3 (H301) : 0.000<br>Acute Tox. 3 (H311) : 0.000<br>Acute Tox. 2 (H330) : 0.000 |

Contains no non-classified vPvB substances or substances with a Union workplace exposure limit.
For full text of H/P Statements see section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

| | |
|---|---|
| Inhalation | Treat symptomatically. |
| Skin Contact | Treat symptomatically. |
| Eye Contact | Treat symptomatically. |
| Ingestion | Treat symptomatically. |

### 4.2 Most important symptoms and effects, both acute and delayed

None anticipated. Treat symptomatically.

### 4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

| | |
|---|---|
| Suitable Extinguishing media | As appropriate for surrounding fire. |
| Unsuitable extinguishing media | None. |

### 5.2 Special hazards arising from the substance or mixture

Heating may cause decomposition.

### 5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Dike fire control water for later disposal.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

### 6.2 Environmental precautions

Avoid release to the environment. Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

### 6.3 Methods and material for containment and cleaning up

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Adsorb spillages onto sand, earth or any suitable adsorbent material. Contain spillages with sand, earth or any suitable adsorbent material. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses.

### 6.4 Reference to other sections

See Also Section 8, 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

### 7.2 Conditions for safe storage, including any incompatibilities

| | |
|---|---|
| Storage temperature | Ambient. |
| Storage life | Stable under normal conditions. |
| Incompatible materials | None known. |

### 7.3 Specific end use(s)

PC9a Coatings and paints, thinners, paint removers

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

| | |
|---|---|
| 8.1.1 Occupational Exposure Limits | No Occupational Exposure Limit assigned. |

### 8.2 Exposure controls

| | |
|---|---|
| 8.2.1. Appropriate engineering controls | Ensure adequate ventilation. |
| 8.2.2. Personal protection equipment | |
|  Eye Protection | Wear eye protection with side protection (EN166). |
|  Skin protection | Not normally required. |
|  Respiratory protection | Normally no personal respiratory protection is necessary. |
|  Thermal hazards | None known. |
| 8.2.3. Environmental Exposure Controls | Do not release large quantities into the surface water or into drains. |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

| | |
|---|---|
| Physical state | Liquid. |
| Colour | Not known. |

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| | |
|---|---|
| Odour | Not known. |
| Melting point/freezing point | Not known. |
| Boiling point or initial boiling point and boiling range | Not known. |
| Flammability | Not known. |
| Lower and upper explosion limit | Not known. |
| Flash Point | Not known. |
| Auto-ignition temperature | Not known. |
| Decomposition Temperature | Not known. |
| pH | Not known. |
| Kinematic Viscosity | Not known. |
| Solubility | Solubility (Water) : Not known.<br>Solubility (Other) : Not known. |
| Partition coefficient n-octanol/water (log value) | Not known. |
| Vapour pressure | Not known. |
| Density and/or relative density | Not known. |
| Relative vapour density | Not known. |
| Particle characteristics | Not known. |

### 9.2 Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

None anticipated.

### 10.2 Chemical Stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

### 10.4 Conditions to avoid

None anticipated.

### 10.5 Incompatible materials

Not known.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

| | |
|---|---|
| Acute toxicity - Ingestion | Calculation method : Not classified.<br>Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 800000.00000 |
| Acute toxicity - Skin Contact | Calculation method : Not classified. |

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| | |
|---|---|
| | Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 1000000.00000 |
| Acute toxicity - Inhalation | Calculation method : Not classified. |
| | Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 71428.57000 |
| Skin corrosion/irritation | Calculation method : Not classified. |
| Serious eye damage/irritation | Calculation method : Not classified. |
| Skin sensitization data | Calculation method : Not classified. |
| Respiratory sensitization data | Calculation method : Not classified. |
| Germ cell mutagenicity | Calculation method : Not classified. |
| Carcinogenicity | Calculation method : Not classified. |
| Reproductive toxicity | Calculation method : Not classified. |
| Lactation | Calculation method : Not classified. |
| STOT - single exposure | Calculation method : Not classified. |
| STOT - repeated exposure | Calculation method : Not classified. |
| Aspiration hazard | Calculation method : Not classified. |

### 11.2 Information on other hazards

Not known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Harmful to aquatic life.

| | |
|---|---|
| Toxicity - Aquatic invertebrates | Not known. |
| Toxicity - Fish | Not known. |
| Toxicity - Algae | Not known. |
| Toxicity - Sediment Compartment | Not classified. |
| Toxicity - Terrestrial Compartment | Not classified. |

### 12.2 Persistence and degradability

Not known.

### 12.3 Bioaccumulative potential

Not known.

### 12.4 Mobility in soil

Not known.

### 12.5 Results of PBT and vPvB assessment

Not known.

### 12.6 Endocrine disrupting properties

None known.

### 12.7 Other adverse effects

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Not known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Dispose at suitable refuse site.

### 13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

## SECTION 14: TRANSPORT INFORMATION

**Not classified as hazardous for transport.**

### 14.1 UN number or ID number

Not applicable

### 14.2 UN proper shipping name

Not applicable

### 14.3 Transport hazard class(es)

Not applicable

### 14.4 Packing group

Not applicable

### 14.5 Environmental hazards

Not classified as a Marine Pollutant.

### 14.6 Special precautions for user

Not known

### 14.7 Maritime transport in bulk according to IMO instruments

Not known

## SECTION 15: REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

### European Regulations - Authorisations and/or Restrictions On Use

| | |
|---|---|
| Candidate List of Substances of Very High Concern for Authorisation | Not listed |
| REACH: ANNEX XIV list of substances subject to authorisation | Not listed |
| REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles | ammonia<br>% (1336-21-6), Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (68424-85-1), 2-phenylphenol (ISO) biphenyl-2-ol 2-hydroxybiphenyl (90-43-7), bronopol (INN) 2-bromo-2-nitropropane-1,3-diol<br>(52-51-7), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)<br>(55965-84-9), 2-methyl-2H-isothiazol-3-one (2682-20-4) |
| Community Rolling Action Plan (CoRAP) | Not listed |

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| | |
|---|---|
| Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants | Not listed |
| Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer | Not listed |
| Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals | Not listed |

### National regulations

| | |
|---|---|
| Other | Not known. |

### 15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

### LEGEND

| | |
|---|---|
| Hazard Pictogram(s) | None.<br>GHS05: GHS: Corrosion<br>GHS06: GHS: Skull and crossbones<br>GHS07: GHS: Exclamation mark<br>GHS09: GHS: Environment |
| Hazard classification | Acute Tox. 3 : Acute toxicity, Category 3<br>Acute Tox. 4 : Acute toxicity, Category 4<br>Acute Tox. 2 : Acute toxicity, Category 2<br>Acute Tox. 3 : Acute toxicity, Category 3<br>Acute Tox. 4 : Acute toxicity, Category 4<br>Skin Corr. 1A : Skin corrosion/irritation, Category 1A<br>Skin Corr. 1B : Skin corrosion/irritation, Category 1B<br>Skin Corr. 1C : Skin corrosion/irritation, Category 1C<br>Skin Irrit. 2 : Skin corrosion/irritation, Category 2<br>Skin Sens. 1A : Skin sensitization, Category 1A<br>Eye Dam. 1 : Serious eye damage/irritation, Category 1<br>Acute Tox. 2 : Acute toxicity, Category 2<br>STOT SE 3 : Specific target organ toxicity — single exposure, Category 3<br>Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1<br>Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1 |
| Hazard Statement(s) | H301: Toxic if swallowed.<br>H302: Harmful if swallowed.<br>H310: Fatal in contact with skin.<br>H311: Toxic in contact with skin. |

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| | |
|---|---|
| | H312: Harmful in contact with skin.<br>H314: Causes severe skin burns and eye damage.<br>H315: Causes skin irritation.<br>H317: May cause an allergic skin reaction.<br>H318: Causes serious eye damage.<br>H330: Fatal if inhaled.<br>H335: May cause respiratory irritation.<br>H400: Very toxic to aquatic life.<br>H410: Very toxic to aquatic life with long lasting effects. |
| Precautionary Statement(s) | None. |
| Acronyms | ATE : Acute Toxicity Estimate<br>CAS : Chemical Abstracts Service<br>CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures<br>DNEL : Derived No Effect Level<br>EC : European Community<br>EINECS : European Inventory of Existing Commercial Chemical Substances<br>LTEL : Long term exposure limit<br>PBT : Persistent, Bioaccumulative and Toxic<br>PNEC : Predicted No Effect Concentration<br>REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals<br>STEL : Short term exposure limit<br>STOT : Specific Target Organ Toxicity<br>vPvB : very Persistent and very Bioaccumulative |
| Key literature references and sources for data used to compile the SDS | Regulation (EC) No. 1272/2008 (CLP) |
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